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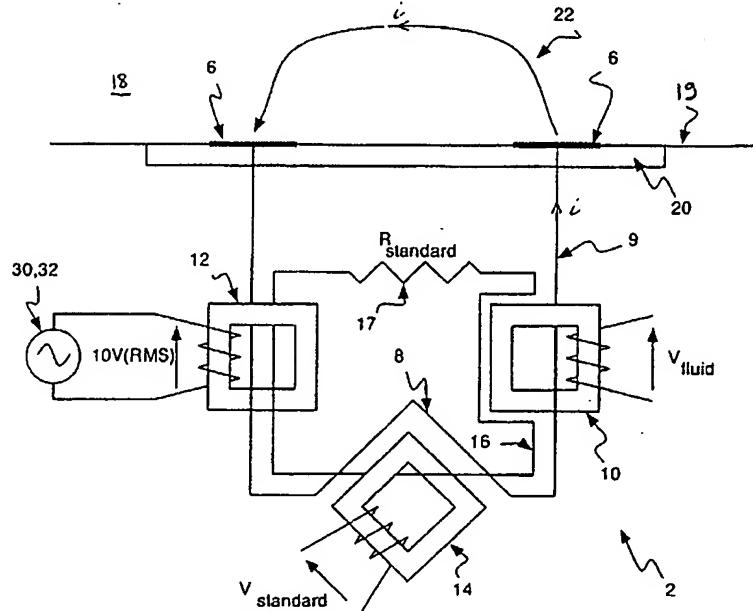
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(54) Title: METHOD AND APPARATUS FOR MEASURING ELECTRICAL CONDUCTIVITY



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(57) Abstract: An apparatus (2) for measuring electrical conductivity in a material comprises a pair of electrically conducting elements (6), a first electrical conductor (9) coupled to the electrically conducting elements, the first electrical conductor coupling a first transformer core (10) and a second transformer core (12) to form a first current loop (8) and a second electrical conductor (17) of known resistance coupling the second transformer core and a third transformer core (14) to form a second current loop (16).

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